

An electronic tongue for the detection of ozone is based on voltammetry, and comprises at least one working electrode and a counter electrode, wherein the working electrode(s) is(are) made of one or more transition metals or Au, or alloys thereof, or alloys thereof with other metals. The data processing is made by multivariate analysis. The sensor can be implemented on-line or in-line in a processing plant where it is desirable to monitor and control ozone levels, e.g. sterilization and purification plants.

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